

# OBSERVING LOG

**TELESCOPE** : DuPont  
**INSTRUMENT** : WFCCD  
**CONFIGURATION** : TYPHOON  
**OBSERVER** : JR  
**NIGHT ASSISTANT**: Herman

**DATE** : August 13/14 2018  
**NIGHT**: 6 of 9  
**PAGE** : 1 of  
**WEATHER**: clear!

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
6001-6003	dflat	19:06	3x4s	B	dflat	open	-	Lamp @ 480V, ~18k
6004-6006	"	19:11	3x4	V	"	"	-	Lamp @ 390V, <16k
6007-6009	"	19:17	3x3	R	"	"	-	Lamp @ 350V, ~22k
6010-6012	"	19:22	3x80	grism	"	150um	-	Lamp @ 480V, ~34k peak
6013-6015	"	19:30	3x20	"	"	750um	-	Lamp @ 480V, ~32k peak
6016-6018	Hartmann	19:36	3x50	grism	"	Hart,	-	Lamp @ 480V, ~40k peak
6019	"	19:43	4	V	"	"	-	Lamp @ 350V,
6020-6022	HeNeAr arc	19:48	30/60/90	grism	"	150um	-	HeNeAr
6023-6030	bias		8x0	-	-	-	-	Bias
6031	Slit image	22:40	1	V	zenith	150um	-	Y2000: 1409.0, 2656.0
6032	"	22:43	"	"	"	750um	-	Y2000: 1419.9, 2645.1
6033	EG 274	23:02	1	V	1.025	open	1.4"	1.4"E, 1."S (focus?)
6034	"	23:07	"	"	1.022	"		need to run focus sequence
6035	EG 274 focus	23:11	2	V	1.021	"		First is best, run another
6036	"	23:16	"	"	1.02	"	1"	#6 is best
6037	EG 274	23:21	1	"	1.018	"	1"	
6038	"	23:23	"	"	1.017	750um		
6039	EG 274	23:25	180	grism	1.017	"		
6040	HeNeAr arc	23:38	30	grism	1.016	150um		
6041	NGC 5247	23:34	20	V	1.283	open	1.3"	3"N, 1.7"E
6042	"	23:38	"	"	1.297	"	1.3"	
6043	NGC 5247	23:40	600	grism	1.308	150um		560.7
6044	"	23:52	"	"		"		571.0
6045	"	00:05	"	"	1.416	"		581.3
6046	"	00:17	"	"	1.485	"		591.6

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6047	NGC 5247	00:28	600	grism	1.56	150um		601.9
6048	NGC 5247	00:40	20	V	1.64	open	1.4"	612.2
6049	ASASSN-18qq	00:46	20	V	1.314	open	1.2"	@1415,2013, 2.5"W
6050	"	00:49	30	"	1.310	"		1"W
6051	"	00:52	"	"	1.307	150um		OK
6052-6054	ASASSN-18qq	00:54	3x900	grism	1.305	150um		
6055	NGC 7213	01:45	20	V	1.422	open	1.4"	Match to 4081, 19.4"S, 0.4"E
6056	"	01:48	"	"	1.411	"	1.2"	Good! <0.4" NS
6057	NGC 7213	01:51	600	grism	1.399	150um		426.1
6058	"	02:03	"	"	1.35	"		436.4
6059	"	02:15	"	"	1.314	"		446.7
6060	"	02:26	"	"	1.28	"		457.0
6061	"	02:38	"	"		"		467.3
6062	"	02:49	"	"	1.216	"		477.6
6063	"	03:01	"	"	1.190	"		487.9
6064	"	03:12	"	"	1.167	"		498.2
6065	"	03:24	"	"	1.147	"		508.5
6066	"	03:35	"	"	1.128	"		518.8
6067	"	03:47	"	"	1.111	"		529.1
6068	"	03:59	"	"	1.097	"		539.4
6069	"	04:10	"	"	1.086	"		549.7
6070	"	04:22	"	"	1.075	"		560.0
6071	"	04:33	"	"	1.068	"		570.3
6072	"	04:45	"	"	1.061	"		580.6
6073	NGC 7213	04:57	20	V	1.056	open		590.9

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6074	NGC 7793	05:00	20	V	1.13	open	1.9"	Match to 1109, cass=90, +10.3, 1.8"E, 5.8"S
6075	"	05:03	"	"	1.128	"	1.7"	OK, Try with guiding, seeing not so great
6076	"	05:07	"	"	1.120	"	1.5"	seeing better, check one more time
6077	"	05:09	"	"	1.116	"	1.5"	seeing steady, but ~1.5"
6078	NGC 7793	05:12	600	grism	1.111	150um		391.5
6079	"	05:24	"	"	1.088	"		401.8
6080	"	05:36	"	"	1.070	"		412.1
6081	"	05:47	"	"	1.054	"		422.4
6082	"	05:59	"	"	1.040	"		432.7
6083	"	06:10	"	"	1.028	"		443.0
6084	"	06:22	"	"	1.020	"		453.3
6085	"	06:34	"	"		"		463.6
6086	"	06:45	"	"	1.007	"		473.9
6087	"	06:57	"	"	1.003	"		484.2
6088	"	07:08	"	"	1.002	"		494.5
6089	"	07:20	"	"	1.002	"		504.8
6090	"	07:31	"	"	1.004	"		515.1
6091	"	07:43	"	"	1.009	"		525.4
6092	"	07:54	"	"	1.014	"		535.7
6093	"	08:06	"	"	1.023	"		546.0
6094	"	08:17	"	"	1.033	"		556.3
6095	"	08:29	"	"	1.046	"		566.6
6096	"	08:40	"	"	1.06	"		576.9
6097	NGC 7793	08:52	20	V	1.08	open	1.5"	587.2
6098-6100	SN2016gkg	08:56	3x250	V	1.001	open	1.5"	cass=180, @1344,1931

